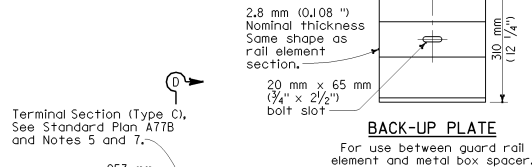
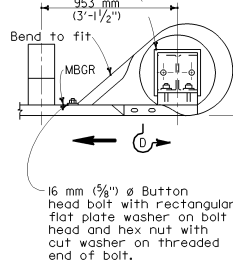


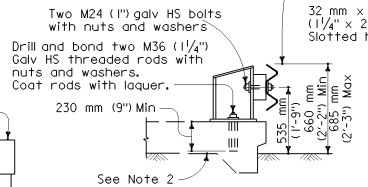
ELEVATION
CONNECTION DETAIL C
See Note 2



Terminal Section (Type C),
See Standard Plan A77B
and Notes 5 and 7.



PLAN
CONNECTION DETAIL E
See Note 9



SECTION A-A
Terminal Section (Type C)
not shown

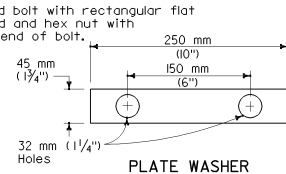
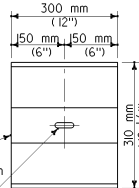
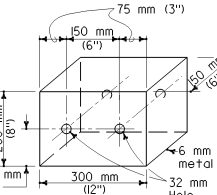


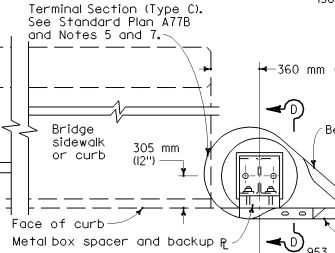
PLATE WASHER



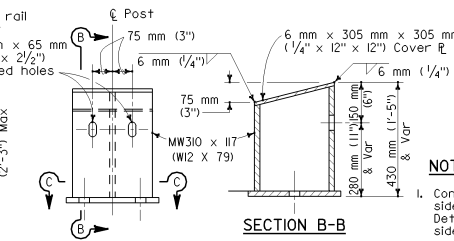
BACK-UP PLATE
For use between guard rail
element and metal box spacer.



METAL BOX SPACER
Place M24 (1\"/>

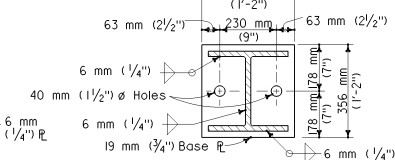


PLAN
CONNECTION DETAIL D

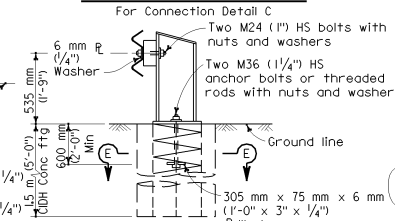


SECTION B-B

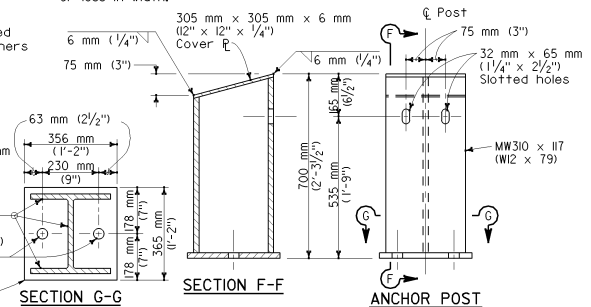
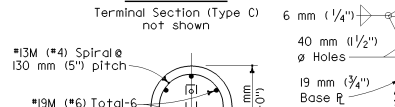
ANCHOR POST ASSEMBLY
See Note 6



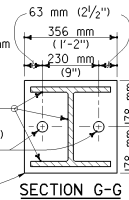
SECTION C-C
ANCHOR POST DETAILS
For Connection Detail C



SECTION D-D
Terminal Section (Type C)
not shown



SECTION F-F
ANCHOR POST DETAILS
For Connection Details D and E



SECTION G-G

ANCHOR POST ASSEMBLY
See Note 7

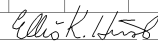
METAL BEAM GUARD RAILING CONNECTIONS TO BRIDGE SIDEWALKS AND CURBS


These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE


A77K

DIST	COUNTY	ROUTE	POST MILES	SHEET TOTAL
			TOTAL PROJECT	NO. SHEETS


 REGISTERED CIVIL ENGINEER
 July 1, 2002
 PLANS APPROVAL DATE
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 California now has a web site! To get to the web site, go to <http://www.dtd.ca.gov>



NOTES

1. Connection Details C and D applies to the traffic approach end of bridges with sidewalks or curbs. For traffic departure end of bridges, see Connection Detail E. See Standard Plan A77J for connection details to bridges without sidewalks or curbs.
2. When curb or sidewalk depth is less than 230 mm (9"), use Connection Detail D.
3. Direction of traffic indicated by .
4. For traffic approach railing details, see Standard Plans A77D, A77E and "Approach Railing Transition Details" on Standard Plan A77J.
5. Terminal sections not to be installed on the trailing end of approach guard railing constructed adjacent to one-way roadways, except as provided in Note 7.
6. Anchor post assembly to be galvanized after fabrication.
7. Terminal Section (Type C) to be used where pedestrian traffic is present. Adjust positioning of Terminal Section (Type C) to encircle anchor post. Drill necessary holes in rail element to attached Terminal Section (Type C) with 16 mm (5/8") ϕ button head bolts with hex nuts and cut washers (5 per connection).
8. For additional connection details for bridge barrier railing, see Standard Plans BII-53, BII-54, BII-55 and BII-56 and the project plans.
9. "Connection Detail B" shown on Standard Plan A77J may be used in place of "Connection Detail E" for structures with walkways on two-way roadway 18 m (60') or less in width.